

Amendments to the Specification:

Please amend the title as follows:

~~Focusable~~ Flexible Artificial Lens for an Eye Accommodated by means of Pressure or
Electrical Conductivity

Please replace the section heading with the following section heading after the title on page 1 and before the first full paragraph:

~~Description~~ Background of the Invention

Please insert the following section heading on page 1 between the second and third paragraphs:

Summary of the Invention

Please replace the paragraph bridging pages 6 and 7 with the following replacement paragraph:

It is also conceivable that the control device is formed for external manual or automatic control. For example, the control device may have an actuator and control can be ~~effected~~ affected by means of the ~~actuator—in particular~~ actuator, in particular, an internal actuator. In this case, the invention is not limited to specific types of actuators. For example, these may involve microdrives, micropumps, micromotors and similar devices. In addition, a control is also possible via coupling with an autofocus system. In this case, the control device may have an autofocus system or may be formed as such an autofocus system. The autofocus system then transmits suitable regulating signals to the artificial lens. Autofocus systems are already known in and of themselves from the prior art, so that a detailed explanation can be omitted here.

Please replace the second full paragraph on page 11 with the following replacement paragraph:

A transformation of this phenomenon is known, for example, from ~~US-A-5,659,330~~ U.S. Patent No. 5,659,330. A display device is described therein, in which individual drops of a conductor fluid are disposed on an insulating layer. Electrodes are present underneath this insulating layer. By means of the selective generation of an electrical field, the shape of any one drop of the conductor fluid can be varied, whereby a color pixel of an image is produced.

Please replace the second paragraph on page 22 with the following replacement paragraph:

Likewise, it is possible that the stabilization means are disposed within the first medium that is flexible in shape. In such a case, the stabilization means can be formed, for example, in a way to repel the second medium that is flexible in shape from the surface(s) of the stabilization means, particularly by means of a special surface coating of the stabilization means. For example, the stabilization means, e.g., a stabilization net, can be surface-coated with a material, or may consist of a material, which repels the second medium that is flexible in shape, e.g., in the form of an oil, from the surface, if the stabilization net is placed outside the second medium that is flexible in shape. At the same time, the other medium that is flexible in shape, namely the first medium, in which the stabilization means are then found—~~e.g., water~~, e.g., water, will not be repelled by the stabilization means.

Please insert the following section heading on page 23 between the second and third paragraphs:

Brief Description of the Drawings